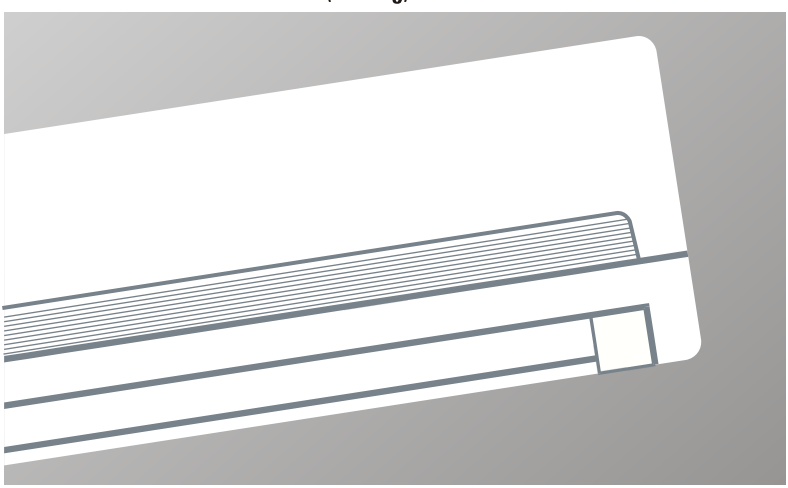
SAMSUNG

USER'S MANUAL

AS12F✳ Series
AS12W✳ Series
AS18F ✳ Series
AS18WC ✳ Series
AS18X✳ Series
AS24F✳ Series
AS24W✳ Series
AS18WA Series

SPLIT-TYPE AIR CONDITIONER

(Cooling)



Ⓔ DB98-26652A (1)

Safety Precautions

You should take the following safety precautions when using your air conditioner.

WARNING

- If you don't follow the safety precautions, you may get the risk of an electric shock, injury or death.
- The manufacturer or qualified service personnel must install this air conditioner.
- Unplug the electric power before repairing, installing or cleaning.

DURING OPERATION

- Do not repair the air conditioner at your discretion. It is recommended to contact a service center directly.
- Never spill any kind of liquid on the air conditioner. If this happens, unplug or turn off the air conditioner and contact an authorized service center.
- Do not insert anything between the airflow blades to prevent damage of the inner fan and consequent injury. Keep children away from the air conditioner.
- Do not place any obstacles in front of the air conditioner.
- Do not spray any kind of liquid into the indoor unit. If this happens, turn off the breaker and contact a service center.
- Make sure that the air conditioner is well ventilated at all times: Do not place a cloth or other materials over it.
- Remove the batteries if you don't use the remote control for a long time. (If applicable)
- Use the remote control within 7 meters from the indoor unit. (If applicable)

DISPOSING OF THE UNIT

- Before throwing out the air conditioner, remove the batteries from the remote control.
- When you dispose of the air conditioner, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and cause air pollution. When it contacts with your skin, it can cause skin injury.
- The package of the air conditioner should be recycled or disposed properly for environmental reasons.

OTHERS

- Never store or load the air conditioner upside down or sideways to prevent the damage of the compressor.
- Young children or infirm persons should be always supervised when they use the air conditioner.
- Max current is measured according to IEC standard for safety.
- Current is measured according to ISO standard for energy efficiency.

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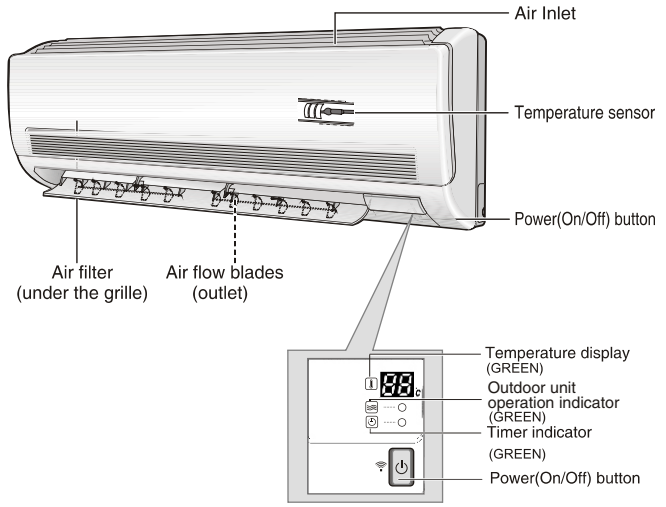
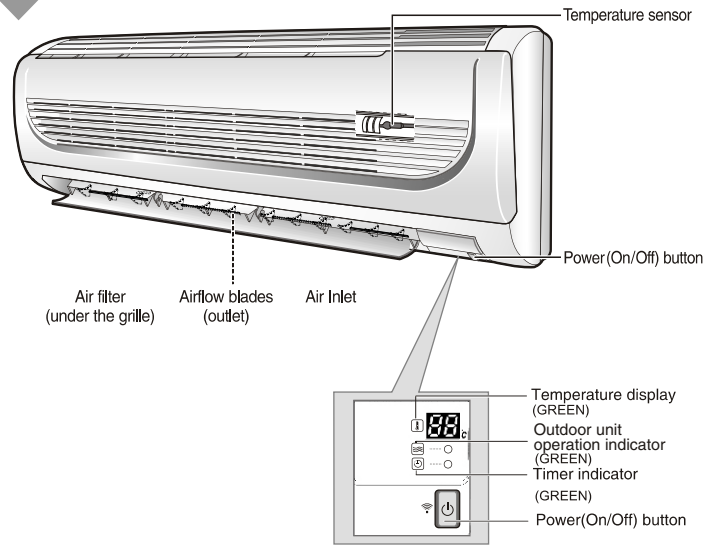
The design and shape can be changed according to the model.

Indoor Unit AS**F**
AS**X**

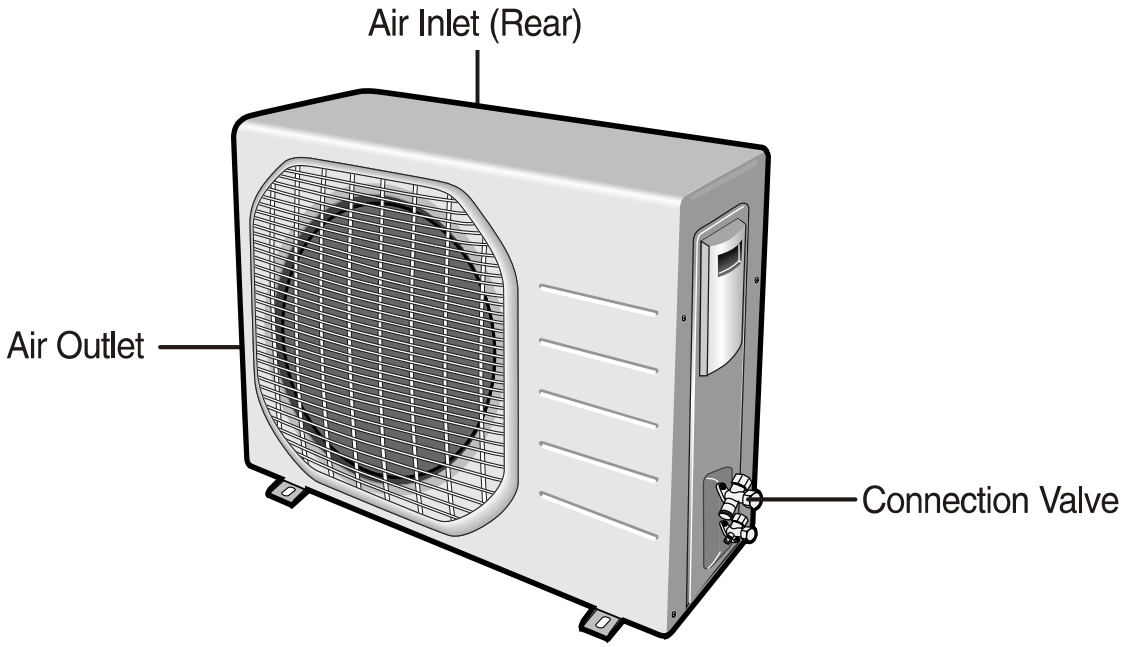


Indoor Unit AS**W**



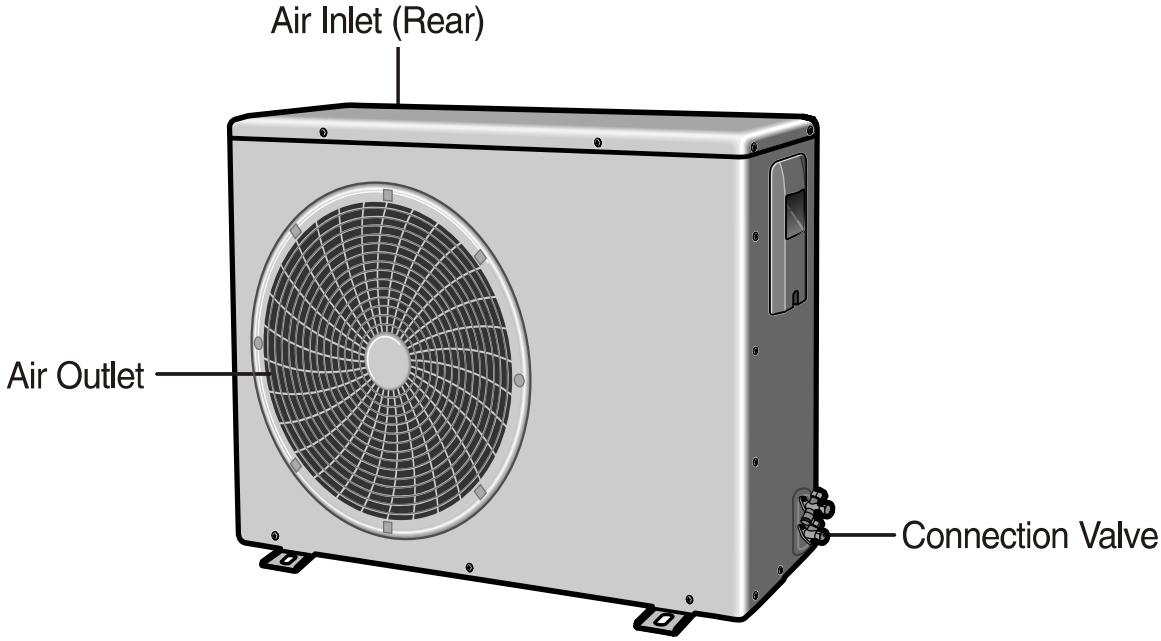
Outdoor Unit

✳✳12✳✳
✳✳18✳✳

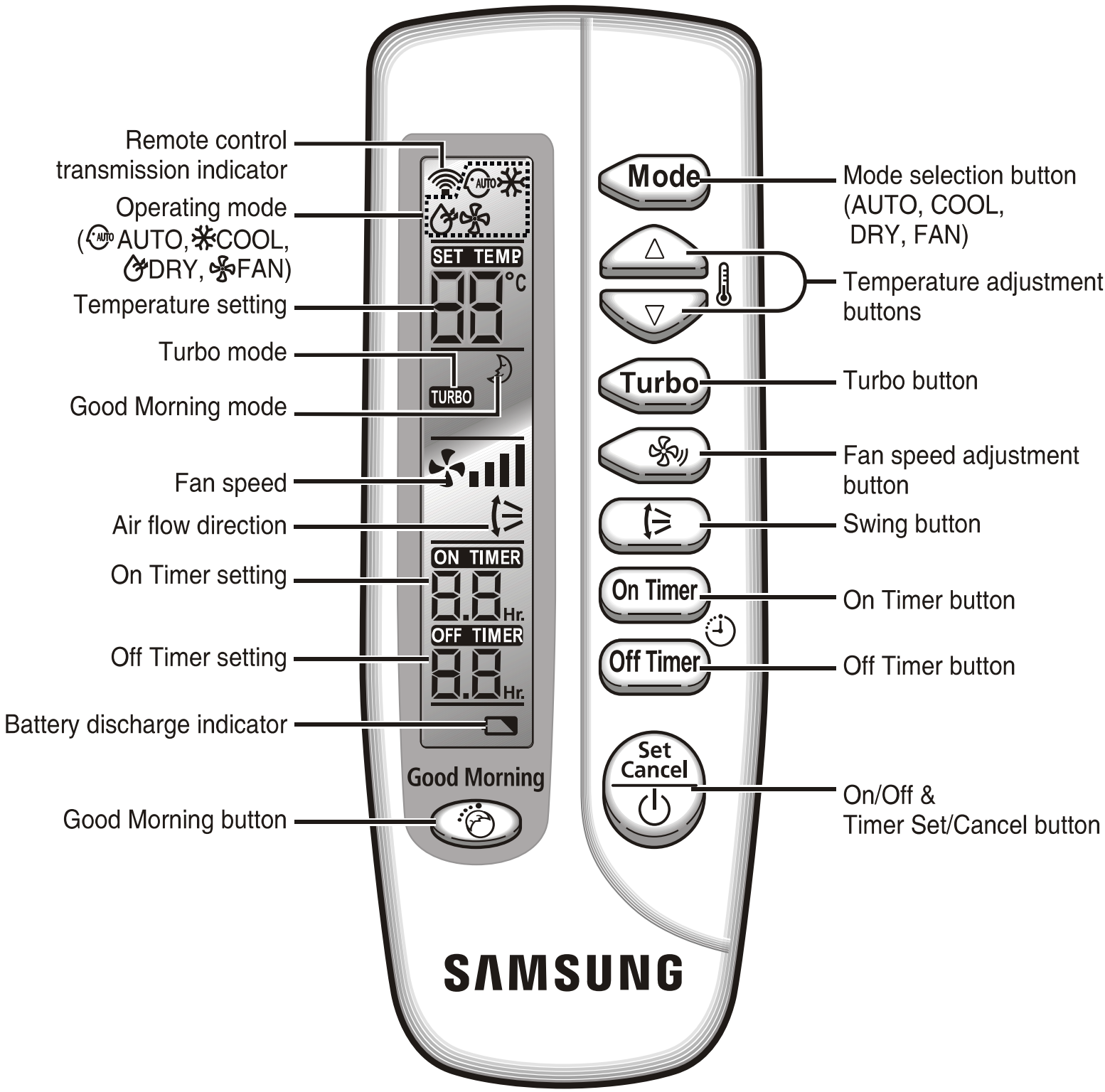


Outdoor Unit

✳✳24✳✳



Remote Control - Buttons and Display



Inserting the Remote Control Batteries

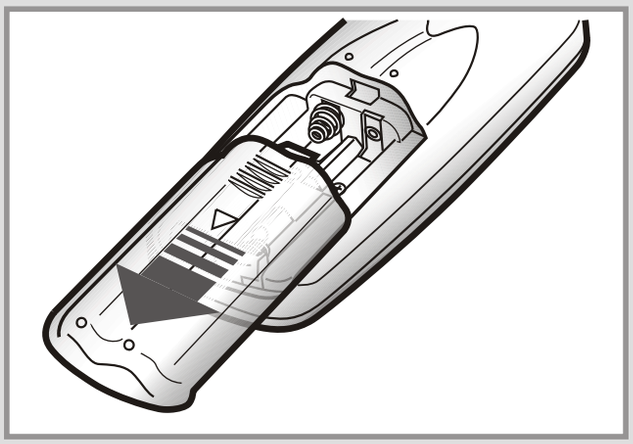
You must insert or replace the remote control batteries when:

- ***You purchase the air conditioner***
- ***The remote control does not work correctly***

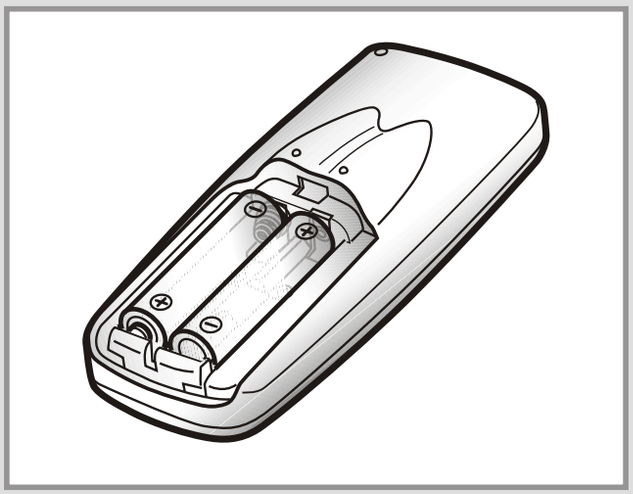
Note

- Use two AAA, LR03 1.5V batteries.
- Do not use old batteries or different kinds of batteries together.
- Batteries may be completely discharged after 12 months, even if they have not actually been used.

1 Remove the battery cover in the rear of the remote control by pushing it with your thumb.



2 Insert two batteries, respecting the polarities as indicated by the + and - symbols.



3 Close the cover by sliding it back in its place.

Selecting the Automatic Operating Mode

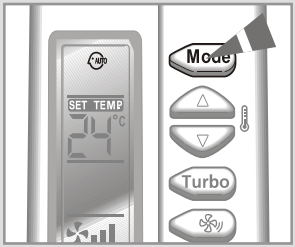
You can start the air conditioner in Auto mode from your remote control. In the Auto mode, the cooling operation is selected automatically. You can also raise or lower the temperature but not the fan speed.

1 If necessary, press the (Set/Cancel) button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in Cool mode with Turbo fan speed.
- ◆ The indoor unit beeps.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

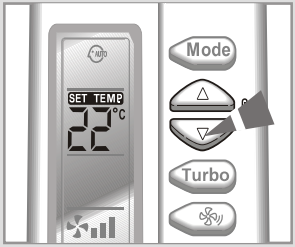
It will start up normally after three minutes.



2 If the (Auto) is not displayed at the top of the remote control, press the (Mode) button on the remote control one or more times until it appears.

Result:
- ◆ The indoor unit beeps each time you press the (Mode) button.
- ◆ The air conditioner runs in the Auto mode.

Note You can change modes at any time.



3 To adjust the temperature, press the (Temperature) button one or more times until the required temperature is displayed.
Possible temperatures are between 16°C and 30°C inclusive.

Result:
- ◆ Each time you press the (Temperature) button:
  - The temperature is adjusted by 1°C
  - The indoor unit beeps

Cooling Your Room

You must select the Cool mode if you wish to adjust the:

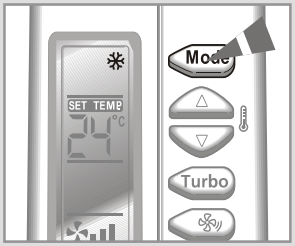
- ***Cooling temperature***
- ***Fan speed when cooling***

1 If necessary, press the Set/Cancel button.

Result:
- The operation indicator on the indoor unit lights up.
- The air conditioner starts up in Cool mode with Turbo fan speed.
- The indoor unit beeps.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- Plugged in
- Stopped

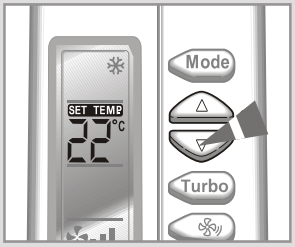
It will start up normally after three minutes.



2 If the ❄ is not displayed at the top of the remote control, press the Mode button on the remote control one or more times until it appears.

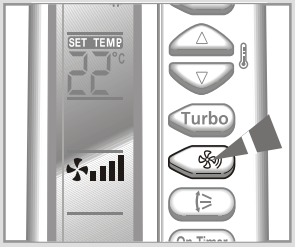
Result:
- The indoor unit beeps each time you press the Mode button.
- The air conditioner runs in the Cool mode.

Note You can change modes at any time.



3 To adjust the temperature, press the ▲/▼ button one or more times until the required temperature is displayed.
Possible temperatures are between 16°C and 30°C inclusive.

Result:
- Each time you press the ▲/▼ button:
  - The temperature is adjusted by 1°C
  - The indoor unit beeps
- The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature.
- If the room temperature reaches the set temperature, the air conditioner stops cooling, but the fan is still operating.



4 Select the fan speed by pressing the Fan button one or more times until the required setting is displayed:

- Automatic (rotated : ➡ ➡)
- Low
- Medium
- High
- Maximum

Result: Each time you press the Fan button, the indoor unit beeps.

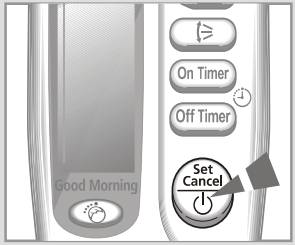
5 To control the direction of the air flow, refer to pages 14.

Removing Excess Humidity

If the atmosphere in your room is very humid or damp, you can remove excess humidity without lowering the room temperature too much.

1 If necessary, press the Set Cancel button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in Cool mode with Turbo fan speed.
- ◆ The indoor unit beeps.



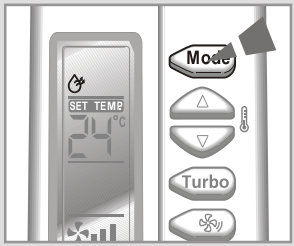
IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

It will start up normally after three minutes.

2 If the dry mode icon is not displayed at the top of the remote control,press the Mode button on the remote control one or more times until it appears.

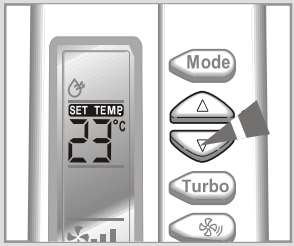
Result:
- ◆ The indoor unit beeps each time you press the Mode button.
- ◆ The air conditioner runs in the Dry mode.

Note You can change modes at any time.



3 To adjust the temperature, press the ▽ △ button one or more times until the required temperature is displayed.
Possible temperatures are between 16°C and 30°C inclusive.

Result:
- ◆ Each time you press the ▽ △ button:
  - The temperature is adjusted by 1°C
  - The indoor unit beeps
- ◆ The air conditioner starts removing the excess humidity; the quantity of air is adjusted automatically.
- ◆ The fan is running in auto mode.



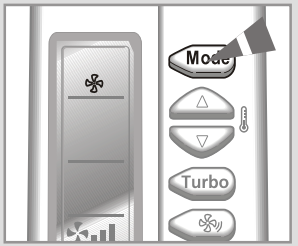
4 To control the direction of the air flow, refer to pages 14.

Airing Your Room

If the atmosphere in your room is stale, you can air the room using the Fan feature.

1 If necessary, press the Set/Cancel button.

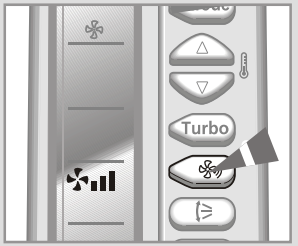
Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in Cool mode with Turbo fan speed.
- ◆ The indoor unit beeps.



2 If the fan symbol is not displayed at the top of the remote control,press the Mode button on the remote control one or more times until it appears.

Result:
- ◆ The indoor unit beeps each time you press the Mode button.
- ◆ The air conditioner runs in the Fan mode.
- ◆ The temperature is set automatically.

Note You can change modes at any time.



3 Select the fan speed by pressing the fan speed button one or more times until the required setting is displayed:

- Low
- Medium
- High

Result:
- ◆ Each time you press the fan speed button, the indoor unit beeps.

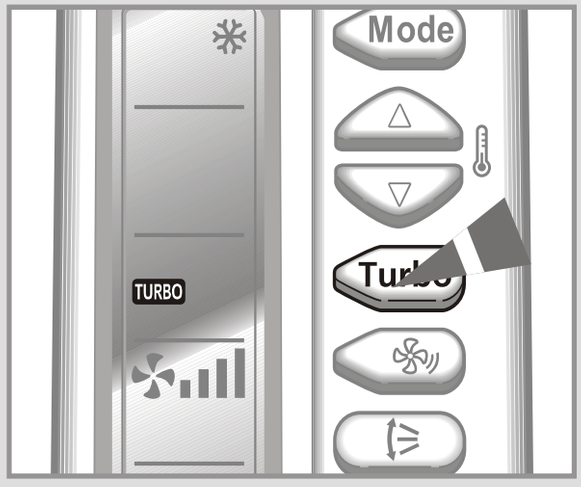
4 To control the direction of the air flow, refer to pages 14.

Changing the Room Temperature Quickly

The Turbo cooling function is used to cool your room as quickly as possible.

Example : ***You have just come home and find that the room is very hot. You wish to cool it down as quickly as possible.***

The Turbo function operates for 30 minutes with the maximum settings before returning automatically to the mode and temperature previously selected.



1 If necessary, press the Set Cancel button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in Cool mode with Turbo fan speed.
- ◆ The indoor unit beeps.

2 Press the Turbo button.

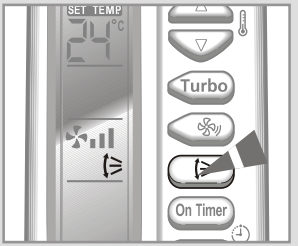
Result:
- ◆ The temperature and fan settings are adjusted automatically.
- ◆ The air conditioner cools the room as quickly as possible.
- ◆ After 30 minutes, the air conditioner is reset automatically to the previous mode, temperature and fan settings.
- ◆ You can select the Turbo function in the Auto or Cool mode. If you select this function in the Dry or Fan mode, it will return to the Auto mode.

3 If you wish to stop the Turbo function before the end of the 30-minute period, press the Turbo button one or more times until TURBO disappears.

Result: The air conditioner is reset automatically to the previous mode, temperature and fan settings.

4 To control the direction of the air flow, refer to pages 14.

Adjusting the Air Flow Direction Vertically



Depending on the position of the indoor unit on the wall of your room, you can adjust the position of the outer air flow blade on the bottom of the unit, thus increasing the efficiency of the air conditioner.

1 Press the ⏎ button one or more times as required.

Result: The outer blade is adjusted vertically.

2 If you want the blade to move up and down automatically when the air conditioner is operating, press the ⏎ button.

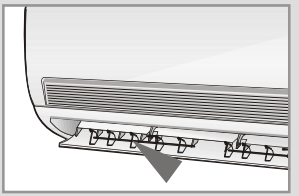
Result: The blade move up and down, around the base position set.

3 To stop the blade moving up and down, press the ⏎ button again.

Note

If you switch the air conditioner...	*Then the blade is...*
Off	Closed completely.
On again	Set to the initial position powered.

Adjusting the Air Flow Direction Horizontally



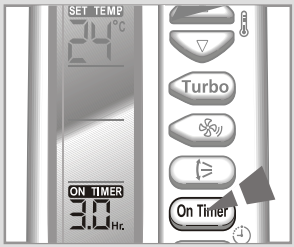
There are two sets of inner air flow blades. Just as the outer air flow blade can be adjusted vertically, the inner blades can be adjusted horizontally.

1 Adjust each set of inner blades to the required position, by pushing or pulling them sideways.

Setting the On Timer

The On Timer enables you to switch on the air conditioner automatically after a given period of time. You can set the period of time from 0.5 hour to 24 hours.

1 To set the operating time, press the On Timer button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hour inclusive.

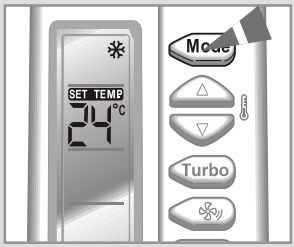


2 Press the Set Cancel button to complete the setting.

Result:
- ◆ The remaining time is displayed.
- ◆ Blinking of the timer indicator stops.
- ◆ The selected mode and the temperature on the display disappear after 10 seconds.
- ◆ The air conditioner will switch on automatically when the counter displayed on the remote control reaches the set time and disappears the On Timer setting.

3 To select an operating mode in advance, press the Mode button until the desired mode is displayed at the top of the remote control.

Result: The air conditioner will run in the selected mode when it is turned on.



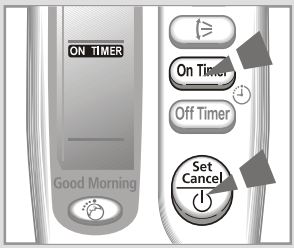
Note If you don't operate the remote control after setting the On Timer, it will be turned off automatically after 25 hours.

To Cancel the On Timer

If you no longer wish to use the On Timer that you have set, you can cancel it at any time.

1 To cancel the On Timer, press the On Timer button one or more times until the timer setting disappears.

2 Press the Set Cancel button.



Note If you want to turn on the air conditioner before the timer reaches the setting time, press the Set Cancel button.

Setting the off Timer

The Off Timer enables you to switch off the air conditioner automatically after a given period of time. You can set the period of time from 0.5 hour to 24 hours.

1 To set the operating time, press the (Off Timer) button one or more times until the required time is displayed. Possible time is between 0,5 hour and 24 hour inclusive.

2 Press the (Set Cancel) button to complete the setting.

Result:
- ◆ The remaining time is displayed.
- ◆ Blinking of the timer indicator stops.
- ◆ The air conditioner will switch off automatically when the counter displayed on the remote control reaches the set time and disappears the Off Timer setting.

Example **If you would like to turn the air conditioner on after 2 hours and to operate it for 2 hours:**

1. Press the (On Timer) button until '2 Hr' is displayed.
2. Press the (Set Cancel) button.
3. Press the (Off Timer) button until '4 Hr' is displayed.
4. Press the (Set Cancel) button.

Note You can see or change the setting mode and/or the temperature by pressing the (Mode) button or the (▲ ▼) button after setting the Off Timer.

To Cancel the Off Timer

If you no longer wish to use the Off Timer that you have set, you can cancel it at any time.

1 To cancel the Off Timer, press the (Off Timer) button one or more times until the timer setting disappears.

2 Press the (Set Cancel) button.

Note If you want to turn off the air conditioner before the timer reaches the setting time, press the (Set Cancel) button.

Selecting Good Morning Mode

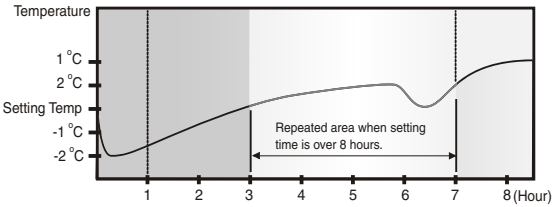
Good Morning Mode will help you to take comfortable and deep sleep by controlling air flow temperature during your sleeping time.
Good Morning function can be set whether the air conditioner is switched on or off, and this function can be selected for any mode.

Selecting Good Morning mode, as a default, the Off Timer will switch off the air conditioner after 8 hours automatically, or you can press the Good Morning button to set Off Timer in the range from 0.5 hour to 12 hours.then press the Set Cancel button to confirm this selection, during the period of Good Morning mode, the possible temperatures are between 16°C and 30°C inclusive, but the fan speed and the direction of the air flow is nonjustable.

1 Press the Good Morning button one or more times until is displayed on your remote control.

Result:
- ◆ The indoor unit beeps
- ◆ If Good Morning is selected after switching on the unit, the air conditioner will run in Cool mode. During this period, the temperature displayed is one you set for the Cool mode. If Good Morning is selected before switch on the unit, the air conditioner starts running in Cool mode and the temperature is set to 26°C.
- ◆ The fan is running in auto mode.

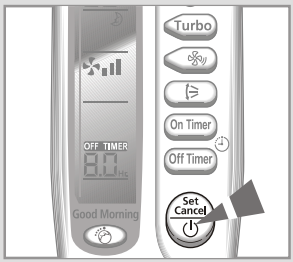
Good Morning Mode Operation Diagram



* Temperature can be little bit different depend on sleeping position.

To Cancel the Good Morning

If you no longer wish to use Good Morning that you have set, you can cancel it at any time.



1 press the Set Cancel button to switch off the air conditioner.

2 To cancel a selected Good Morning mode, you can also press the Turbo button, the Off Timer, the On Timer button, or Mode button, the air conditioner will run in cool mode.

Operating Recommendations

When you use your air conditioner, it is recommended to read the following :

Topic	Recommendation
Power failure	If power failure occurs when the air conditioner is operating, the air conditioner turns off. When the power returns, the air conditioner starts up again automatically.
Protection mechanism	When the air conditioner is started immediately after being plugged in or stopped, the normal operation starts up after 3 minutes for the reason of protection.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used.

If the air conditioner is used at...	Then...
High temperatures	The air conditioner may stop operating for the reason of protection.
Low temperatures	Water may leak and some malfunction may occur if the heat exchanger freezes.
High humidity levels	Water may condense and drip from the surface of the indoor unit if you don't use the air conditioner for a long time.

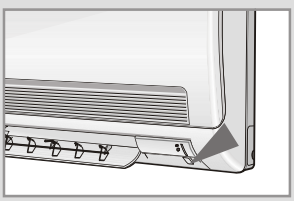
Operation	Outdoor Temperature	Indoor Temperature	Indoor Humidity
Cooling	19°C to 54°C approx.	16°C to 32°C approx.	80% or less
Dehumidifying	19°C to 54°C approx.	16°C to 32°C approx.	-

✳ ***If you use the air conditioner over 32°C (indoor temperature), the cooling capacity may drop.***

Operating Your Air Conditioner Without the Remote Control

Your air conditioner can be operated directly from the indoor unit if the remote control is lost or broken.

1 To switch the air conditioner on, press the ON/OFF switch on the right side of the indoor unit.



Result:
- ◆ The OPERATION indicator on the indoor unit comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the auto.

2 To switch the air conditioner off, press the ON/OFF switch again.

Note Even if the air conditioner has been switched on via the ON/OFF switch, operations can still be controlled using the remote control as usual.

Solving Common Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary call.

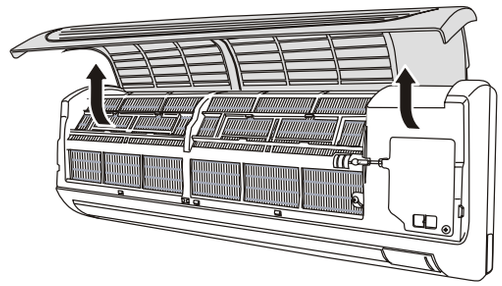
Problem	Explanation/Solution
The air conditioner does not operate at all	◆ Check that the breaker used for the air conditioner is switched on. ◆ Check that the operation indicator on the indoor unit is on; if necessary press the button on the remote control. ◆ Check whether the Timer indicator on the indoor unit is switched on. If so: - Wait until the switch-on time is reached and the air conditioner starts up automatically - Cancel the timer (see pages 16 and 17 for further details)
The air conditioner does not operate with the remote control	◆ Check that there are no obstacles between you and the indoor unit. ◆ Check the remote control batteries. ◆ Check that you are close enough to the indoor unit (seven meters/yards or less).
No beep is heard when you press the Set Cancel button on the remote control	◆ Check that you are pointing the remote control at the remote control sensor in the right of the indoor unit. ◆ Replace the remote control batteries if necessary.
The air conditioner does not cool	◆ Check that the correct operating mode has been selected (Auto, Cool). ◆ The room temperature may be too low. ◆ Dust may be blocking the air filter guard; refer to page 22 and 23 for cleaning instructions. ◆ Check that there is no obstacle in front of the outdoor unit.
The fan speed does not change when you press the button	◆ Check that the operating mode is set to the Auto, Cool or Fan mode ; in the Dry mode, the fan speed changes automatically.
The air flow direction does not change when you press the button	◆ Check that the air conditioner has been switched on; if necessary, press the Set Cancel button on the remote control.
The timer is not correctly triggered	◆ Check that the timer has been programmed correctly; see pages 16 and 17.
Odour is permeated in the room during air conditioning	◆ Air the room. ◆ You can use the Fan mode.

Cleaning Your Air Conditioner

For the best use of your air conditioner, you must clean it every 2 weeks to remove the dust that accumulates on the air filter.

IMPORTANT ***Before cleaning your air conditioner, check if you have turned off the circuit breaker.***

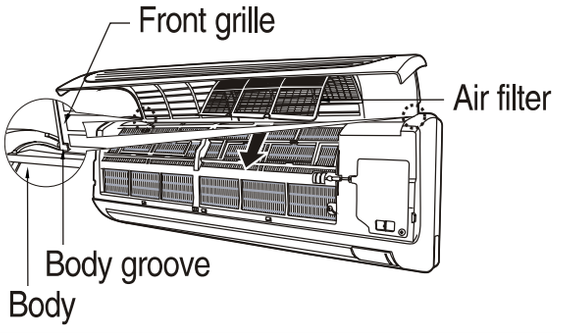
1 Open the upper front grille by pulling the lower right and left tabs of the grille.



2 Pull air filters out of each tab of the grille.

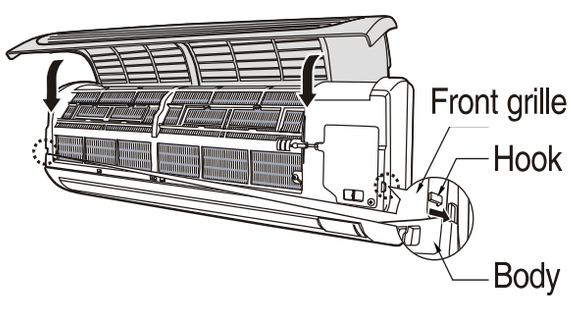
3 Remove all dust on the air filters with a vacuum cleaner or brush.

4 When you finish, insert air filters by fixing them to each tab of the grille.



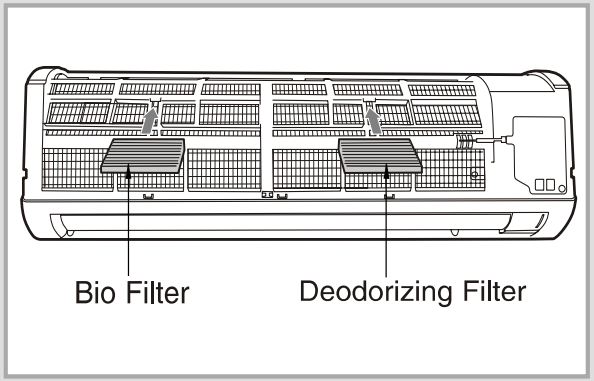
5 To close the front grille, fix it to hooks and push down the lower right and left tabs of the grille.

6 Clean the front grille with a damp cloth and mild detergent (do NOT use benzene, solvents or other chemicals).



Note ***If you have not used the air conditioner for a long time, select the Fan mode for 3 to 4 hours to dry the inside of the air conditioner.***

Cleaning Deodorizing and Bio Filter (Option)



There are Deodorizing and Bio filters inside your air conditioner. They remove odors and dust in your room. You should clean the filters every 3 months.

1	Open the upper front grille by pulling the lower right and left tabs of the grille.
2	Pull out the deodorizing and Bio filter.
3	Wash the filters with clean water, then dry them in the shade.
4	Insert the filters in their place. ***Note*** You can change the position of filters with each other.
5	Close the front grille.

Contact SAMSUNG WORLD WIDE

If you have any comments or questions regarding a Samsung products, contact **SAMSUNG** customer care center

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